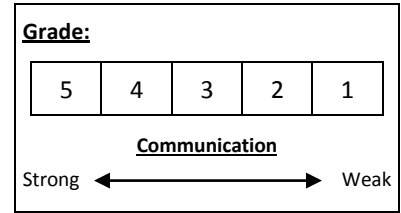


Mathematics Grading Rubric

Overview:

Your work will be graded holistically using a simple rubric (see right) consisting of a 5 point scale from 1 (for failing work*) through 5 (for “outstanding” work). The grade will account for execution, communication, and correctness. To earn a 5, your work must be *well-executed*, *well-communicated*, and *essentially correct* as defined below. The rubric may also provide feedback (via a sliding scale) on the quality of your communication to help you improve in this area.



Definitions:

Well-Executed

- Applies a **strategy** that makes sense for the given question
- Applies appropriate mathematical concepts and processes
- Does not introduce superfluous material
- Technology is used appropriately
- Work is logical and includes a sanity check of the final answer

Well Communicated

- **Readable:** Work *stands alone* (retains context) and is neat and professional in appearance
- **Organized:** Provides a *clear logical* flow from beginning to end
- Provides sufficient supporting detail and explanation throughout
- Work is free from grammatical errors
- Mathematical composition, terminology, and notation is correct
- Results and/or conclusions are clearly annotated

Essentially Correct

- **Precision:** Performs mathematical operations correctly and derives the correct results
- Uses an appropriate degree of accuracy
- Draws correct inferences from graphical or numerical data
- Any computational or algebraic errors are trivial and isolated
- Correct units are used

Score Descriptors:

5	4	3	2	1
Outstanding (“A”)	Good (“B”)	Average (“C”)	Deficient (“D”)	Failing (“F”)
Well-executed, well-communicated, essentially correct	Generally well-executed but may have minor communication flaws or some math errors	Adequately executed but with some non-trivial errors or inconsistent communication	Flawed execution possibly with non-trivial errors or poor communication	Unsatisfactory execution and/or communication with fundamental errors

* Note: A blank page or complete nonsense will earn a zero on this scale.